



0000132334

RECEIVED

2000 FEB 24 P 3:27

39
ORIGINAL

From: Jerry D. Smith
To: DGI Adv Com
Date: 2/24/00 2:20pm
Subject: 2/7 and 2/22 DGI Advisory Committee Meeting Minutes and 2/28 Agenda

Arizona Corporation Commission

DOCKETED

FEB 24 1999

(Reply by E-Mail if you desire to be removed from this distribution list)

As a party interested in the ACC's investigation of Distributed Generation and Interconnections you will find the following attached items:

| | |
|-------------|--|
| DOCKETED BY | |
| A | |

1. February 7, 2000 Advisory Committee meeting minutes.
2. February 22, 2000 Advisory Committee meeting minutes.
3. Proposed Agenda for February 28, 2000 Advisory Committee Meeting
(Please note the time change for the meeting 9-4)

These items will be filed in ACC Docket Control per:

Docket No. E-00000A-99-0431

General investigation of Distributed Generation and Interconnections for potential retail electric competition rules consideration.

CC: DGI Interested Parties

**ACC Special Open Meeting Minutes
Distributed Generation & Interconnections Workgroup
Advisory Committee**

Date: February 7, 2000

Time: 10:00 AM

Location: ACC Commissioner's Conference Room
1200 W. Washington St., Phoenix, AZ 85007

Purpose: A special open meeting to consider Distributed Generation & Interconnections (DGI) per Docket No. E-00000A-99-0431.

Attendance:

- No Arizona Corporation Commissioners present
- Committee Members present – Jerry D. Smith (ACC), Brian O'Donnell (DEAA), Chuck Miessner (NE), Chuck DeCorse (TEP), Bill Murphy (City of Phoenix), Steve Schmollinger (TEP), Matt Puffer (Engine World), Steve Bischoff (APS), Dan Goodrich (SRP), Linda Buczynski (City of Tucson), Jeff Jacobson (SW Gas) and Dave Drummond (DPCA).
- Committee Members absent – David Townley (NEV Technologies) unable to establish teleconference.
- Others present – Scott Swanson (APS), Bryan Gernet (APS), Prem Bahl (RUCO), Lindy Funkhouser (RUCO), Bill Meek (AUIA), Warren Louis (Honeywell), Carl Brittain (IBEW), and Suzanne Jun (TEP), David Rumolo (GCSECA).
- Others absent – Beatrice Rivera (Honeywell) unable to establish teleconference.

Meeting Summary:

The Advisory Committee meeting was called to order by its chairman at 10:00 AM. Jerry Smith welcomed those in attendance and reminded them that the meeting had been properly noticed as a special open meeting and proceedings are open to the general public. The meeting began with a review of the agenda and approving the minutes of the January 31, 2000 meeting. The minutes were approved with two corrections: Ray Williamson was eliminated from the attendance list and the spelling of "teleconference" was corrected in the attendance section.

The remainder of the meeting was devoted to reviewing issues documented in response to questions #1 and #2 of the January 4th Advisory Committee questionnaire. The draft synopsis for question #1 postulated that the three DGI committees failed to adequately address the following assigned issues:

Technical Issues:

1. Set Points Used to Maximize DG Benefits (Q2)
2. Current Technology & SCADA Requirements (Q4)
3. Research Conflicts With IEEE (NA)
4. Grounding (Q2)
5. Use of Utility Grade Relaying (NA)
6. Study DG on Network Systems (Q4)
7. Power Quality (NA)

Interconnection Issues:

1. Simplified Application & Application Process (NA)
2. Statewide Interconnection Agreement (NA)
3. Rules of Thumb (NA)
4. Interconnection Requirements (moved to tariffs issues)
5. Simplified Process for Deploying DG (NA)

Distribution Planning / Impacts:

1. Distribution Planning With DG (Q2)
2. Use of Real Time Flow Analysis (Q4)
3. Mapping of DG Sites (NA)
4. Value of DG to the System (Q4)

Pre-Certification of Equipment:

1. Pre-certification of Equipment

Tariff Issues:

1. Fair and Reasonable Tariffs
2. Partial Requirements DA Tariff Needed
3. Classic Demand / Energy Rate vs. Competition
4. Disparity of Customer Treatment

Policy Issues:

1. Size Exemption to Schedule Export Transactions (NA)
2. Clarification of QF Status (NA)
3. Clarification of FERC Jurisdictional Issues (NA)
4. Consistency in Definitions (Q2)

Operational Issues:

1. Accurately Schedule & Account for DG Transactions (*)
2. When Control Area Operator Controls DG (*)
3. Operational Protocol for System Disturbances (*)

Discussion of the above items led the Advisory Committee to conclude that most of the items did not belong in this section of the final report. The items are to be relocated to the section of the report that is designated in parenthesis. NA means the Advisory Committee determined the item did not merit documentation beyond the final report of the committee that raised the issue. An asterisk (*) indicates the Advisory Committee feels the item should be referred for rulemaking and referenced in the executive summary section of the DGI Workgroup Final Report.

Similarly, the Advisory Committee reviewed the following items identified as issues and concerns that had not been assigned or considered by the DGI Workgroup Committees. The disposition of each item is also reflected in parenthesis.

Technical Issues:

1. More detailed Briefing on IEEE DG Standards (NA)

2. Review and Revision of Any DG Standards
3. Dispute Resolution / Protocols

Tariff Issues:

1. Standardized Interconnection Study Fee Schedule (Q1)
2. Power Factor Treatment In Rates (Q1)
3. Tariff Adjustment for UDC Disconnect (Q1)
4. Curtailable Tariffs (Q1)

Policy Issue:

1. Ruling on What Constitutes DG
2. Role of ACC in Transmission Issues (NA)
3. Getting Basic Information from UDC's (NA)
4. Accelerate UDC's Procurement of Market Power (NA)
5. Public Information Regarding Distribution Plans (Q4)
6. Role of Wires Company to Facilitate Transactions (NA)
7. UDC Ownership of DG (Q4)
8. Jurisdiction of ACC to Regulate DG (NA)

Contract Issues:

1. DG in Terms of Permanency or Obligation
2. Standards and Reliability
3. Insurance by DG Owner / Operator (NA)

Action Items:

1. All Teams are to repackage their draft with the items that remain from the above Advisory Committee efforts and moved to their section from earlier meetings. The next draft should be submitted to Matt Puffer by February 14.
2. Matt Puffer has agreed to assemble all teams write-up into a common report and distribute it by February 17, 2000.
3. The next Advisory Committee meeting is scheduled for February 22 from 10:00 AM -3:00 PM in the Pipeline Safety Conference Room.

Meeting adjourned at 2:00 PM.

Recorded by: Jerry D. Smith, Utilities Division, Arizona Corporation Commission

**ACC Special Open Meeting Minutes
Distributed Generation & Interconnections Workgroup
Advisory Committee**

Date: February 22, 2000

Time: 10:00 AM

Location: Pipeline Safety Conference Room
1200 W. Washington St., Phoenix, AZ 85007

Purpose: A special open meeting to consider Distributed Generation & Interconnections (DGI) per Docket No. E-00000A-99-0431.

Attendance:

- No Arizona Corporation Commissioners present
- Committee Members present – Jerry D. Smith (ACC), Brian O'Donnell (DEAA), Chuck Miessner (NE), Chuck DeCorse (TEP), Bill Murphy (City of Phoenix), Steve Schmollinger (TEP), Matt Puffer (Engine World), Steve Bischoff (APS), Dan Goodrich (SRP), Linda Buczynski (City of Tucson), Jeff Jacobson (SW Gas) and Dave Drummond (DPCA).
- Committee Members absent – David Townley (NEV Technologies).
- Others present – Scott Swanson (APS), Bryan Gernet (APS), Prem Bahl (RUCO), Bill Meek (AUIA), Warren Louis (Honeywell), Carl Brittain (IBEW), and Suzanne Jun (TEP), David Rumolo (GCSECA), Jeff Sama (SSVEC), Rick Molina (TEP).

Meeting Summary:

The Advisory Committee meeting was called to order by its chairman at 10:00 AM. Jerry Smith welcomed those in attendance and reminded them that the meeting had been properly noticed as a special open meeting and proceedings are open to the general public. The meeting began with a review of the agenda and approving the minutes of the February 7, 2000 meeting. The minutes were approved with the following correction: The date in action item 2 should read February 17, 2000 rather than Thursday 21, 2000. The remainder of the meeting was devoted to reviewing the final report draft.

Action Items:

1. The Advisory Committee Chairman agreed to prepare an Acknowledgement page that identifies the Advisory Committee for insertion prior to the Table of Contents.
2. It was agreed that the "Summary List of DGI Workshop Breakout Issues" would be moved from Section 2 to the Appendices. Similarly, it was agreed that a "Summary List of Participants" would be included in the Appendices. The list of Participating Groups contained in Section 2 is to be updated and moved to Section 3.5.
3. In Section 3.2 the paragraph following the heading of "Distribution Planning / Impacts Issues" is to be replaced by the reorganized paragraph under the heading "Contracts Issues."
4. Sections 3.3 and 3.4 were not reviewed. Team 2 is to continue to modify this section to more effectively represent an Advisory Committee consensus of the three DGI Workgroup Committees work product.

5. The heading for Section 3.5 is to be changed to "Value of Additional Stakeholders Input." This section is also to be expanded with more narrative suggesting how the additional stakeholder input might be achieved.
6. Team 4 was requested to make Section 4 more concise as it only addresses the formal comments submitted by 11 parties regarding the three DGI committee reports.
7. The next Advisory Committee meeting is scheduled for February 28 from 9:00 AM to 4:00 PM in the Pipeline Safety Conference Room.

Meeting adjourned at 2:30 PM.

Recorded by: Jerry D. Smith, Utilities Division, Arizona Corporation Commission

ACC Special Open Meeting: Distributed Generation & Interconnections Workgroup Advisory Committee

Date: February 28, 2000

Time: 9:00 AM - 4:00 PM

Location: Pipeline Safety Conference Room
1200 W. Washington
Phoenix, AZ 85007

Purpose: Special open meeting to consider Distributed Generation & Interconnections (DGI).

AGENDA

1. Review and approval of February 22, 2000 committee minutes
2. Review and finalize draft of DGI Workgroup Final Report
3. Conclude all remaining committee activities